

OPTIONAL INFORMATION	
Name of School:	Date of Inspection:
Vocational Program/Course/Room:	Signature of Inspector:

RESPIRATORY PROTECTION SELF INSPECTION CHECKLIST

Guidelines: This checklist covers some of the regulations issued by the U.S. Department of Labor - OSHA under the General Industry standard 29 CFR 1910.134 and the Construction standard 29 CFR 1926.103. All of these regulations were adopted by reference by the New Jersey Department of Labor, Public Employees Occupational Safety and Health (PEOSH) Program. Since PEOSH regulations were adopted by reference by the New Jersey Department of Education (N.J.A.C. 6:53-1.2(a)), the regulations also apply to students in vocational programs.

The checklist should be used where respirators are being worn to protect individuals from exposure to air contaminants above an exposure limit or are otherwise necessary to protect health, where respirators are otherwise required to be worn, and where respirators are voluntarily worn by individuals for comfort or other reasons. Respirators are devices designed to protect the wearer from the inhalation of harmful atmospheres. Types of respirators include atmosphere-supplying respirators and air-purifying respirators. The checklist is divided into three sections. "Section One" should be used if filtering facepiece (dust mask) respirators are voluntarily used. "Section Two" should be used if respirators other than dust masks are voluntarily used. "Section Three" should be used if respirators are required or are needed to protect individuals from exposure to air contaminants above applicable limits. This checklist does not deal with respirators for immediately dangerous to life or health (IDLH) atmospheres or for emergency escape. In addition, this checklist does not apply to agricultural situations. **The questions that are most likely not the responsibility of the individual teacher are marked with an asterisk (*) next to the number of the question.** Definitions of underlined terms are provided at the end of the checklist to help you understand some of the questions. Questions marked with the symbol (E) may require the help of an outside expert.

**RESPIRATORY PROTECTION
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Section One - Voluntary Use of Filtering Facepieces (Dust Masks)

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| 1. | Are <u>filtering facepieces</u> (<u>dust masks</u>) clean and uncontaminated? [29 CFR 1910.134(c)(2)] | Y N N/A DK |
| 2. | Does the use of the <u>dust mask</u> not interfere with the individual's ability to work safely? [29 CFR 1910.134(c)(2)] | Y N N/A DK |
| 3. | Has a copy of <u>Appendix D</u> been given to each voluntary wearer? [29 CFR 1910.134(c)(2)] | Y N N/A DK |

Note: A copy of Appendix D is included in this checklist.

Comments/Corrective Action

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Section Two - Voluntary Use of Respirators Other Than Dust Masks

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| 1. Does the use of the respirator not interfere with the individual's ability to work safely? [29 CFR 1910.134(c)(2)] | Y N N/A DK |
| 2. Has a copy of <u>Appendix D</u> been given to each voluntary wearer? [29 CFR 1910.134(c)(2)] | Y N N/A DK |

Note: A copy of Appendix D is included in this checklist.

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| 3.*☞ Is there a written respiratory protection program that includes the following? [29 CFR 1910.134(c)(1)] | Y N N/A DK |
| a) Medical evaluations of individuals who will wear respirators; and | |
| b) Procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators. | |

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| 4.*☞ Has a medical evaluation been performed to determine the individual's ability to use a respirator, before the individual uses the respirator in the workplace? [29 CFR 1910.134(e)(1)] | Y N N/A DK |
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Note: Consult 29 CFR 1910.134(e) for required medical evaluation procedures.

Comments/Corrective Action

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5. Are respirators issued for the exclusive use of an individual cleaned and disinfected as often as necessary to be maintained in a sanitary condition? [29 CFR 1910.134(h)(1)(i)] Y N N/A DK

Note: Exclusive use means the respirator is used only by one person and is not shared.

6. Are respirators issued to more than one individual cleaned and disinfected before being worn by different individuals? [29 CFR 1910.134(h)(1)(ii)] Y N N/A DK
7. Are respirators stored to protect them from damage, contamination, dust, sunlight, extreme temperatures, excessive moisture or damaging chemicals? [29 CFR 1910.134(h)(2)(i)] Y N N/A DK
8. Are respirators in routine situations inspected before each use and during cleaning? [29 CFR 1910.134(h)(3)(1)(A)] Y N N/A DK
9. Are respirators that fail an inspection or are otherwise found to be defective removed from service and either discarded or repaired? [29 CFR 1910.134(h)(4)] Y N N/A DK

Comments/Corrective Action

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**Section Three - Respirators Required or
Respirators Needed to Protect an Individual's Health**

Please Circle

- 1.*☞ Have steps been taken to prevent or reduce atmospheric contamination by feasible engineering controls? [29 CFR 1910.134(a)(1)] Y N N/A DK

Note: Measures may include enclosure or confinement of an operation, general and local ventilation, and substitution of less toxic materials.

- 2.*☞ Is there a written respiratory protection program? [29 CFR 1910.134(c)(1)] Y N N/A DK

3. Does the written respiratory protection program include procedures for selecting respirators for use in the workplace? [29 CFR 1910.134(c)(1)] Y N N/A DK

4. Does the written respiratory protection program include medical evaluations of individuals who will wear respirators? [29 CFR 1910.134(c)(1)] Y N N/A DK

5. Does the written respiratory protection program include fit testing procedures for tight-fitting respirators? [29 CFR 1910.134(c)(1)] Y N N/A DK

6. Does the written respiratory protection program include procedures for proper use of respirators in routine and reasonably foreseeable emergency situations? [29 CFR 1910.134(c)(1)] Y N N/A DK

Comments/Corrective Action

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| 7. | Does the written respiratory protection program include procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators? [29 CFR 1910.134(c)(1)] | Y N N/A DK |
| 8. | Does the written respiratory protection program include procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators? [29 CFR 1910.134(c)(1)] | Y N N/A DK |
| 9. | Does the written respiratory protection program include training of individuals in the respirator hazards to which they are potentially exposed during routine and emergency situations? [29 CFR 1910.134(c)(1)] | Y N N/A DK |
| 10. | Does the written respiratory protection program include training of individuals in the proper use of respirators, including putting on and removing them, any limitations on their use, and their maintenance? [29 CFR 1910.134(c)(1)] | Y N N/A DK |
| 11. | Does the written respiratory protection program include procedures for regularly evaluating the effectiveness of the program? [29 CFR 1910.134(c)(1)] | Y N N/A DK |
| 12.* | Has a program administrator been designated who is qualified by appropriate training and experience to administer or oversee the respiratory protection program and conduct the required evaluations of program effectiveness? [29 CFR 1910.134(c)(3)] | Y N N/A DK |
| 13. | Are respirators, training, and medical evaluations provided at no cost to individuals? [29 CFR 1910.134(c)(4)] | Y N N/A DK |
| 14. | Are respirators selected on the basis of the anticipated hazards? [29 CFR 1910.134(d)(1)] | Y N N/A DK |

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15. Are all respirators NIOSH certified? [29 CFR 1920.134(d)(1)(ii)] Y N N/A DK

16.* Have potential respiratory hazard(s) been identified and evaluated? [29 CFR 1910.134(d)(1)(iii)] Y N N/A DK

Note: This evaluation shall include a reasonable estimate of a person's exposure to respiratory hazard(s) and an identification of the contaminant's chemical state and physical form. Although personal air monitoring is the most reliable and accurate method to determine exposure, it is not required.

17.* Has a medical evaluation been performed to determine the individual's ability to use a respirator, before the individual is fit tested or required to use the respirator in the workplace? [29 CFR 1910.134(e)(1)] Y N N/A DK

Note: The employer may discontinue medical evaluations when the individual is no longer required to use a respirator. Consult 29 CFR 1910.134(e) for required medical evaluation procedures.

18.* Has an appropriate qualitative fit test or quantitative fit test been conducted on individuals who are using tight-fitting respirators? [29 CFR 1910.134(f)(1)] Y N N/A DK

Note: A record of the fit test should be maintained to document compliance.

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19.* Was the fit test conducted prior to the initial use of the respirator, whenever a different facepiece (size, style, model or make) is used, and at least annually thereafter? [29 CFR 1910.134(f)(2)] Y N N/A DK

20. Are tight-fitting respirator facepieces prohibited to be worn where any condition that interferes with the face-to-facepiece seal or valve function is present? [29 CFR 1910.134(g)(1)(i)] Y N N/A DK

Note: Facial hair that comes between the sealing surface of the facepiece and the face or that interferes with valve function is prohibited.

21. Are corrective glasses or goggles or other personal protective equipment worn in a manner that does not interfere with the seal of the facepiece to the face of the user. [29 CFR 1910.134(g)(1)(ii)] Y N N/A DK

22. Is a user seal check performed by the employee each time a tight fitting respirator is put on? [29 CFR 1920.134(g)(1)(iii)] Y N N/A DK

Note: User seal checks include positive and negative pressure checks to identify potential leakage around the facepiece.

23. Do individuals leave the respirator use area to wash their faces and facepieces as necessary, to replace filter, cartridge, or canister elements, or if they detect vapor or gas breakthrough, changes in breathing resistance, or facepiece leakage? [29 CFR 1910.134(g)(2)(ii)] Y N N/A DK

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| 24. | Are respirators issued for the exclusive use of an individual cleaned and disinfected as often as necessary to be maintained in a sanitary condition? [29 CFR 1910.134(h)(1)(i)] | Y N N/A DK |
| 25. | Are respirators issued to more than one individual cleaned and disinfected before being worn by different individuals? [29 CFR 1910.134(h)(1)(ii)] | Y N N/A DK |
| 26. | Are respirators stored to protect them from damage, contamination, dust, sunlight, extreme temperatures, excessive moisture or damaging chemicals? [29 CFR 1910.134(h)(2)(i)] | Y N N/A DK |
| 27. | Are respirators in routine situations inspected before each use and during cleaning? [29 CFR 1910.134(h)(3)(1)(A)] | Y N N/A DK |
| 28. | Are respirators that fail an inspection or are otherwise found to be defective removed from service and either discarded or repaired? [29 CFR 1910.134(h)(4)] | Y N N/A DK |
| 29.* | Does compressed breathing air meet the requirements for <u>Grade D Breathing Air</u> ? [29 CFR 1910.134(i)(2)(ii)] | Y N N/A DK |
| <p>Note: Documentation of breathing air quality should be maintained to show compliance.</p> | | |
| 30. | Are compressors used to supply breathing air situated to prevent entry of contaminated air into the air supply system? [29 CFR 1910.134(i)(5)(i)] | Y N N/A DK |
| 31.* | Are compressors used to supply breathing air constructed to minimize moisture content? [29 CFR 1910.134(i)(5)(ii)] | Y N N/A DK |

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| 32.* | Are compressors used to supply breathing air equipped with air-purifying sorbent beds and filters to further ensure breathing air quality? [29 CFR 1910.134(i)(5)(iii)] | Y N N/A DK |
| 33.* | Are compressors used to supply breathing air provided with tags indicating the most recent date on which the air-purification filters or sorbent beds were changed, along with the signature of the authorized person performing the change? [29 CFR 1910.134(i)(5)(iv)] | Y N N/A DK |
| 34.* | Are high temperature or carbon monoxide alarms, or both, present on oil-lubricated compressors to monitor carbon monoxide levels? [29 CFR 1910.134(I)(7)] | Y N N/A DK |
| 35. | Are filters, cartridges and canisters labeled and color-coded with the NIOSH approval label? [29 CFR 1910.134(j)] | Y N N/A DK |
| 36. | Has training been provided to individuals who wear respirators on why the respirator is necessary, its proper use, fit, and maintenance? [29 CFR 1910.134(k)(1)(I)] | Y N N/A DK |
| 37. | Has training been provided to individuals who wear respirators on the capabilities and limitations of the respirator? [29 CFR 1910.134(k)(1)(ii)] | Y N N/A DK |
| 38. | Has training been provided to individuals who wear respirators on how to use the respirator in emergency situations? [29 CFR 1910.134(k)(1)(iii)] | Y N N/A DK |
| 39. | Has training been provided to individuals who wear respirators on how to inspect, put on and remove, use, and check the seals of the respirator? [29 CFR 1910.134(k)(1)(iv)] | Y N N/A DK |

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| 34. | Has training been provided to individuals who wear respirators on procedures for maintenance and storage of the respirator? [29 CFR 1910.134(k)(1)(v)] | Y N N/A DK |
| 35. | Has training been provided to individuals who wear respirators on how to recognize medical signs and symptoms that may limit or prevent the effective use of respirators? [29 CFR 1910.134(k)(1)(vi)] | Y N N/A DK |
| 36. | Are workplace evaluations conducted to ensure that the written respiratory protection program is being properly implemented? [29 CFR 1910.134(l)] | Y N N/A DK |
| 37. | Are records maintained regarding medical evaluations, fit testing, and the respirator program? [29 CFR 1910.134(m)] | Y N N/A DK |
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Definitions:

Dust mask means a filtering facepiece type respirator.

Engineering control means physical changes to equipment and operations to reduce exposure to air contaminants. Engineering controls may include: adding local exhaust ventilation, changing to better equipment that release less air contaminants and enclosing operations to prevent exposure.

Filtering facepiece (dust mask) means a negative pressure particulate respirator with a filter as an integral part of the facepiece or with the entire facepiece composed of the filtering medium.

Grade D Breathing Air means air quality specified by the Compressed Gas Association Commodity Specification G7.1-1989 as referenced in OSHA 29 CFR 1910.134(i)(1)(ii). It specifies that the oxygen content be 19.5-23.5%, the condensed hydrocarbon concentration be at or below 5 mg/m³, the carbon monoxide concentration be at or below 10 ppm, and the carbon dioxide concentration be at or below 1,000 ppm.

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Immediately dangerous to life or health (IDLH) means an atmosphere that poses an immediate threat to life, would cause irreversible adverse health effects, or would impair an individual's ability to escape from a dangerous atmosphere.

NIOSH "Certified" Respirator means a respirator meeting the requirements of 42 CFR Part 84. All respirators approved by NIOSH have an approval number that looks like this: TC-84A-111 or TC-23C-222. A respirator is "approved" for a specific set of circumstances and conditions. If the particular circumstances or conditions of use exceed those for which it was approved, the respirator may provide inappropriate protection and is no longer considered to be approved. The following are examples of things you can do to invalidate the approvals: altering the respirator in any way such as by removing a strap or interchanging parts; using an air-purifying respirator equipped with organic vapor cartridges for an organic vapor with poor warning properties; using an air-purifying respirator equipped with organic vapor cartridges for an organic vapor at concentrations above the maximum use concentration established by OSHA or NIOSH.

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**Appendix D to 1910.134 (Slightly Modified) Information for Individuals
Using Respirators When Not Required Under the Standard.**

Respirators are an effective method of protection against designated hazards when properly selected and worn. Respirator use is encouraged, even when exposures are below the exposure limit, to provide an additional level of comfort and protection for individuals. However, if a respirator is used improperly or not kept clean, the respirator itself can become a hazard to the individual. Sometimes, individuals may wear respirators to avoid exposures to hazards, even if the amount of hazardous substance does not exceed the limits set by applicable standards. If your school provides respirators for your voluntary use, or if you provide your own respirator, you need to take certain precautions to be sure that the respirator itself does not present a hazard.

You should do the following:

1. Read and heed all instructions provided by the manufacturer on use, maintenance, cleaning and care, and warnings regarding the respirators limitations.
2. Choose respirators certified for use to protect against the contaminant of concern. NIOSH, the National Institute for Occupational Safety and Health of the U.S. Department of Health and Human Services, certifies respirators. A label or statement of certification should appear on the respirator or respirator packaging. It will tell you what the respirator is designed for and how much it will protect you.
3. Do not wear your respirator into atmospheres containing contaminants for which your respirator is not designed to protect against. For example, a respirator designed to filter dust particles will not protect against gases, vapors, or very small solid particles of fumes or smoke.
4. Keep track of your respirator so that you do not mistakenly use someone else's respirator.

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